

~~Abstract~~ABSTRACT OF THE DISCLOSURE

~~A-~~The invention provides a light source and a projector are provided, in which with
sufficiently high luminance and size reduction which recent lamps require can be met, the
elongation of a lifetime of the lamp can be realized, and the for related art lamps, an increased
lamp lifetime, and reduced noises from a cooling fan can be reduced. fan. A light source,
including source includes a concave ~~mirror~~ 6-mirror which has a reflecting ~~part~~ 6C-part that
reflects light, non-reflecting ~~parts~~ 6D-parts adjacent to this reflecting part, and permeable
~~ports~~ 6E, 6F-ports that pass through the non-reflecting parts, and which opens forward; a ~~lamp~~
10-lamp which is arranged in this concave mirror and emits the light; and a light permeable
~~member~~ 8-member which covers the opening part of the concave ~~mirror~~, is characterized in
~~that the mirror.~~ The concave mirror includes a ~~mesh~~ 12-mesh arranged in a position where it
covers the permeable port, and a protective ~~wall~~ 14-for protecting wall to protect the mesh,
which is arranged in a position where direct collision between the mesh and broken pieces of
the lamp made by a burst of the lamp is reduced or prevented.